

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/765,837DATE: 07/01/98  
TIME: 16:16:26

INPUT SET: S27074.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

ENTERED

## SEQUENCE LISTING

1  
2  
3 (1) General Information  
4  
5 (i) APPLICANT: LAUB, RUTH  
6 DI GIAMBATTISTA, MARIO  
7  
8 (ii) TITLE OF THE INVENTION: ANTIGENIC POLYPEPTIDE SEQUENCE  
9 OF FACTOR VIII, AND FRAGMENTS AND/OR  
10  
11 (iii) NUMBER OF SEQUENCES: 20  
12  
13 (iv) CORRESPONDENCE ADDRESS:  
14 (A) ADDRESSEE: Knobbe, Martens, Olson & Bear  
15 (B) STREET: 620 Newport Center Drive 16th Floor  
16 (C) CITY: Newport Beach  
17 (D) STATE: CA  
18 (E) COUNTRY: U.S.A.  
19 (F) ZIP: 92660  
20  
21 (v) COMPUTER READABLE FORM:  
22 (A) MEDIUM TYPE: Diskette  
23 (B) COMPUTER: IBM Compatible  
24 (C) OPERATING SYSTEM: DOS  
25 (D) SOFTWARE: FastSEQ Version 1.5  
26  
27 (vi) CURRENT APPLICATION DATA:  
28 (A) APPLICATION NUMBER:  
29 (B) FILING DATE:  
30 (C) CLASSIFICATION:  
31  
32 (vii) PRIOR APPLICATION DATA:  
33 (A) APPLICATION NUMBER: PCT/BE95/00068  
34 (B) FILING DATE: 14-JUL-1995  
35  
36 (viii) ATTORNEY/AGENT INFORMATION:  
37 (A) NAME: Altman, Daniel E  
38 (B) REGISTRATION NUMBER: 34,115  
39 (C) REFERENCE/DOCKET NUMBER: VANMA48.001APC  
40  
41 (ix) TELECOMMUNICATION INFORMATION:  
42 (A) TELEPHONE: 714-760-0404  
43 (B) TELEFAX: 714-760-9502  
44 (C) TELEX:  
45  
46

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47 (2) INFORMATION FOR SEQ ID NO:1:

48

49 (i) SEQUENCE CHARACTERISTICS:

50 (A) LENGTH: 13 amino acids

51 (B) TYPE: amino acid

52 (C) STRANDEDNESS: single

53 (D) TOPOLOGY: linear

54

55 (ii) MOLECULE TYPE: None

56 (v) FRAGMENT TYPE: internal

57

58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

59

60 Arg Thr Thr Leu Gln Ser Asp Gln Glu Glu Ile Asp Tyr

61 1 5 10

62

63 (2) INFORMATION FOR SEQ ID NO:2:

64

65 (i) SEQUENCE CHARACTERISTICS:

66 (A) LENGTH: 16 amino acids

67 (B) TYPE: amino acid

68 (C) STRANDEDNESS: single

69 (D) TOPOLOGY: linear

70

71 (ii) MOLECULE TYPE: None

72 (v) FRAGMENT TYPE: internal

73

74 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

75

76 Asp Glu Asp Glu Asn Gln Ser Pro Arg Ser Phe Gln Lys Lys Thr Arg

77 1 5 10 15

78

79 (2) INFORMATION FOR SEQ ID NO:3:

80

81 (i) SEQUENCE CHARACTERISTICS:

82 (A) LENGTH: 10 amino acids

83 (B) TYPE: amino acid

84 (C) STRANDEDNESS: single

85 (D) TOPOLOGY: linear

86

87 (ii) MOLECULE TYPE: None

88 (v) FRAGMENT TYPE: internal

89

90 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

91

92 Thr Asp Gly Ser Phe Thr Gln Pro Leu Tyr

93 1 5 10

94

95 (2) INFORMATION FOR SEQ ID NO:4:

96

97 (i) SEQUENCE CHARACTERISTICS:

98 (A) LENGTH: 9 amino acids

99 (B) TYPE: amino acid

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100 (C) STRANDEDNESS: single  
101 (D) TOPOLOGY: linear  
102  
103 (ii) MOLECULE TYPE: None  
104 (v) FRAGMENT TYPE: internal  
105  
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
107  
108 Asn Gln Ala Ser Arg Pro Tyr Ser Phe  
109 1 5  
110  
111 (2) INFORMATION FOR SEQ ID NO:5:  
112  
113 (i) SEQUENCE CHARACTERISTICS:  
114 (A) LENGTH: 16 amino acids  
115 (B) TYPE: amino acid  
116 (C) STRANDEDNESS: single  
117 (D) TOPOLOGY: linear  
118  
119 (ii) MOLECULE TYPE: None  
120 (v) FRAGMENT TYPE: internal  
121  
122 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
123  
124 Glu Asn Gln Arg Gln Gly Ala Glu Pro Arg Lys Asn Phe Val Lys Pro  
125 1 5 10 15  
126  
127 (2) INFORMATION FOR SEQ ID NO:6:  
128  
129 (i) SEQUENCE CHARACTERISTICS:  
130 (A) LENGTH: 9 amino acids  
131 (B) TYPE: amino acid  
132 (C) STRANDEDNESS: single  
133 (D) TOPOLOGY: linear  
134  
135 (ii) MOLECULE TYPE: None  
136 (v) FRAGMENT TYPE: internal  
137  
138 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
139  
140 Met Ala Pro Thr Lys Asp Glu Phe Asp  
141 1 5  
142  
143 (2) INFORMATION FOR SEQ ID NO:7:  
144  
145 (i) SEQUENCE CHARACTERISTICS:  
146 (A) LENGTH: 7 amino acids  
147 (B) TYPE: amino acid  
148 (C) STRANDEDNESS: single  
149 (D) TOPOLOGY: linear  
150  
151 (ii) MOLECULE TYPE: None  
152 (v) FRAGMENT TYPE: internal

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153  
154 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
155  
156 Glu Thr Lys Ser Trp Tyr Phe  
157 1 5  
158  
159 (2) INFORMATION FOR SEQ ID NO:8:  
160  
161 (i) SEQUENCE CHARACTERISTICS:  
162 (A) LENGTH: 9 amino acids  
163 (B) TYPE: amino acid  
164 (C) STRANDEDNESS: single  
165 (D) TOPOLOGY: linear  
166  
167 (ii) MOLECULE TYPE: None  
168 (v) FRAGMENT TYPE: internal  
169  
170 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
171  
172 Glu Asn Met Glu Arg Asn Cys Arg Ala  
173 1 5  
174  
175 (2) INFORMATION FOR SEQ ID NO:9:  
176  
177 (i) SEQUENCE CHARACTERISTICS:  
178 (A) LENGTH: 9 amino acids  
179 (B) TYPE: amino acid  
180 (C) STRANDEDNESS: single  
181 (D) TOPOLOGY: linear  
182  
183 (ii) MOLECULE TYPE: None  
184 (v) FRAGMENT TYPE: internal  
185  
186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
187  
188 Asp Pro Thr Phe Lys Glu Asn Tyr Arg  
189 1 5  
190  
191 (2) INFORMATION FOR SEQ ID NO:10:  
192  
193 (i) SEQUENCE CHARACTERISTICS:  
194 (A) LENGTH: 21 amino acids  
195 (B) TYPE: amino acid  
196 (C) STRANDEDNESS: single  
197 (D) TOPOLOGY: linear  
198  
199 (ii) MOLECULE TYPE: None  
200 (v) FRAGMENT TYPE: internal  
201  
202 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
203  
204 Ala Ser Glu Gly Ala Glu Tyr Asp Asp Gln Thr Ser Gln Arg Glu Lys  
205 1 5 10 15

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206 Glu Asp Asp Lys Val  
207 20  
208209 (2) INFORMATION FOR SEQ ID NO:11:  
210

211 (i) SEQUENCE CHARACTERISTICS:

212 (A) LENGTH: 12 amino acids

213 (B) TYPE: amino acid

214 (C) STRANDEDNESS: single

215 (D) TOPOLOGY: linear  
216

217 (ii) MOLECULE TYPE: None

218 (v) FRAGMENT TYPE: internal  
219220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:  
221222 Glu Gly Ser Leu Ala Lys Glu Lys Thr Gln Thr Leu  
223 1 5 10  
224225 (2) INFORMATION FOR SEQ ID NO:12:  
226

227 (i) SEQUENCE CHARACTERISTICS:

228 (A) LENGTH: 16 amino acids

229 (B) TYPE: amino acid

230 (C) STRANDEDNESS: single

231 (D) TOPOLOGY: linear  
232

233 (ii) MOLECULE TYPE: None

234 (v) FRAGMENT TYPE: internal  
235236 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:  
237238 Asp Glu Gly Lys Ser Trp His Ser Glu Thr Lys Asn Ser Leu Met Gln  
239 1 5 10 15  
240241 (2) INFORMATION FOR SEQ ID NO:13:  
242

243 (i) SEQUENCE CHARACTERISTICS:

244 (A) LENGTH: 16 amino acids

245 (B) TYPE: amino acid

246 (C) STRANDEDNESS: single

247 (D) TOPOLOGY: linear  
248

249 (ii) MOLECULE TYPE: None

250 (v) FRAGMENT TYPE: internal  
251252 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:  
253254 Asp Ser Cys Pro Glu Glu Pro Gln Leu Arg Met Lys Asn Asn Glu Glu  
255 1 5 10 15  
256257 (2) INFORMATION FOR SEQ ID NO:14:  
258

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/765,837**

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*INPUT SET: S27074.raw*

Line

Error

Original Text